


Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	2752	385/123.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/18 16:03
L4	894	385/124.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/18 16:03
L5	609	385/126.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/18 16:03
L6	932	385/127.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/18 16:03
L7	892	385/128.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/18 16:03
L8	220	(L4 L5 L6 L7 L3) and (refractive adj (index or indices)) and (("C" and "L") with band)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/18 16:03
L9	225	(L4 L5 L6 L7 L3) and ((refractive adj (index or indices)) or (index near2 refraction)) and (("C" and "L") with band)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/18 16:04
L10	146	(L4 L5 L6 L7) and ((refractive adj (index or indices)) or (index near2 refraction)) and (("C" and "L") with band)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/18 16:04

L11	79	L9 not L10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/18 16:04
L12	363	(dispersion near2 (fiber or fibre)) and ((refractive adj (index or indices)) or (index near2 refraction)) and (("C" and "L") with band)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/18 16:04
L13	12	L9 not (L10 L12)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/18 16:05
S1	1	("6879764").PN.	US-PGPUB; USPAT	OR	OFF	2005/07/18 11:03
S2	5	("20010033724"   "4852968"   "5361319"   "6134367"   "6477306").PN. OR ("6879764"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/18 11:15
S3	894	385/124.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/18 16:03
S4	609	385/126.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/18 11:20
S5	932	385/127.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/18 11:20
S6	892	385/128.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/18 11:20

S7	145	(S3 S4 S5 S6) and (refractive adj (index or indices)) and (("C" and "L") with band)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/18 16:03
S8	146	(S3 S4 S5 S6) and ((refractive adj (index or indices)) or (index near2 refraction)) and (("C" and "L") with band)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/18 16:04
S9	1065	((refractive adj (index or indices)) or (index near2 refraction)) and (("C" and "L") with band)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/18 11:22
S10	363	(dispersion near2 (fiber or fibre)) and ((refractive adj (index or indices)) or (index near2 refraction)) and (("C" and "L") with band)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/18 11:22
S11	229	S10 not S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/18 16:04
S12	0	("2004/0197063").URPN.	USPAT	OR	ON	2005/07/18 14:21
S13	0	("2005/0058418").URPN.	USPAT	OR	ON	2005/07/18 14:22
S14	9	(Sterlite with optical).as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/18 14:23
S15	1	2002-760115.NRAN.	DERWENT	OR	ON	2005/07/18 14:30

Day : Monday  
• Date: 7/18/2005

Time: 11:00:10

 **PALM INTRANET****Inventor Name Search Result**

Your Search was:

Last Name = PRASAD

First Name = SHASHIKANT

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<u>10763403</u>	Not Issued	030	01/22/2004	DISPERSION OPTIMIZED FIBER HAVING HIGHER SPOT AREA	PRASAD, SHASHIKANT

**Inventor Search Completed: No Records to Display.**

**Search Another: Inventor**


<b>Last Name</b>	<b>First Name</b>	
<input type="text" value="PRASAD"/>	<input type="text" value="SHASHIKANT"/>	<input type="button" value="Search"/>

To go back use Back button on your browser toolbar.

Back to [PALM](#) | [ASSIGNMENT](#) | [OASIS](#) | [Home page](#)

Day : Monday  
Date: 7/18/2005

Time: 11:00:21

 **PALM INTRANET****Inventor Name Search Result**

Your Search was:

Last Name = DAS

First Name = STHITADHI

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<a href="#">10763403</a>	Not Issued	030	01/22/2004	DISPERSION OPTIMIZED FIBER HAVING HIGHER SPOT AREA	DAS, STHITADHI
<a href="#">10754904</a>	Not Issued	030	01/09/2004	METHOD FOR PRODUCING TWISTED OPTICAL FIBER WITH REDUCED POLARIZATION MODE DISPERSION	DAS, STHITADHI
<a href="#">10476502</a>	<a href="#">6879764</a>	150	05/17/2004	DISPERSION SHIFTED FIBER HAVING LOW DISPERSION SLOPE	DAS, STHITADHI

Inventor Search Completed: No Records to Display.

**Search Another: Inventor**

<b>Last Name</b>	<b>First Name</b>	
<input type="text" value="DAS"/>	<input type="text" value="STHITADHI"/>	<input type="button" value="Search"/>

To go back use Back button on your browser toolbar.

Back to [PALM](#) | [ASSIGNMENT](#) | [OASIS](#) | [Home page](#)

Day : Monday  
Date: 7/18/2005

Time: 11:00:44

 **PALM INTRANET****Inventor Name Search Result**

Your Search was:

Last Name = KUMAR

First Name = NAGESWARAN

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<a href="#">10763403</a>	Not Issued	030	01/22/2004	DISPERSION OPTIMIZED FIBER HAVING HIGHER SPOT AREA	KUMAR, NAGESWARAN SENTHIL

Inventor Search Completed: No Records to Display.

**Search Another: Inventor**

<b>Last Name</b>	<b>First Name</b>	
<input type="text" value="KUMAR"/>	<input type="text" value="NAGESWARAN"/>	<input type="button" value="Search"/>

To go back use Back button on your browser toolbar.

Back to [PALM](#) | [ASSIGNMENT](#) | [OASIS](#) | [Home page](#)

Day : Monday  
Date: 7/18/2005

Time: 11:01:10



PALM INTRANET

## Inventor Name Search Result

Your Search was:

Last Name = BHATIA

First Name = SANJEET

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<u>10763403</u>	Not Issued	030	01/22/2004	DISPERSION OPTIMIZED FIBER HAVING HIGHER SPOT AREA	BHATIA, SANJEET

Inventor Search Completed: No Records to Display.

<b>Search Another: Inventor</b>	<b>Last Name</b>	<b>First Name</b>	<input type="button" value="Search"/>
	<input type="text" value="BHATIA"/>	<input type="text" value="SANJEET"/>	

To go back use Back button on your browser toolbar.

Back to [PALM](#) | [ASSIGNMENT](#) | [OASIS](#) | [Home page](#)

Day : Monday  
Date: 7/18/2005

Time: 11:03:01

 **PALM INTRANET****Inventor Name Search Result**

Your Search was:

Last Name = SINHA

First Name = SALAJ

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<u>10763403</u>	Not Issued	030	01/22/2004	DISPERSION OPTIMIZED FIBER HAVING HIGHER SPOT AREA	SINHA, SALAJ
<u>10754904</u>	Not Issued	030	01/09/2004	METHOD FOR PRODUCING TWISTED OPTICAL FIBER WITH REDUCED POLARIZATION MODE DISPERSION	SINHA, SALAJ

**Inventor Search Completed: No Records to Display.**

**Search Another: Inventor**

<b>Last Name</b>	<b>First Name</b>	
<input type="text" value="SINHA"/>	<input type="text" value="SALAJ"/>	<input type="button" value="Search"/>

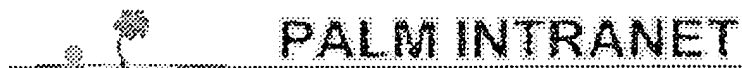
To go back use Back button on your browser toolbar.

Back to [PALM](#) | [ASSIGNMENT](#) | [OASIS](#) | [Home page](#)



Day : Monday  
Date: 7/18/2005

Time: 11:01:36



## Inventor Name Search Result

Your Search was:

Last Name = KHANNA

First Name = PANKAJ

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<u>10763403</u>	Not Issued	030	01/22/2004	DISPERSION OPTIMIZED FIBER HAVING HIGHER SPOT AREA	KHANNA, PANKAJ

Inventor Search Completed: No Records to Display.

<b>Search Another: Inventor</b>	<b>Last Name</b>	<b>First Name</b>	<input type="button" value="Search"/>
	<input type="text" value="KHANNA"/>	<input type="text" value="PANKAJ"/>	

To go back use Back button on your browser toolbar.

Back to [PALM](#) | [ASSIGNMENT](#) | [OASIS](#) | [Home page](#)


[Home](#) | [Login](#) | [Logout](#) | [Access Information](#) | [Alerts](#) |

Welcome United States Patent and Trademark Office

Search Results

[BROWSE](#)[SEARCH](#)[IEEE XPLORE GUIDE](#)Results for "( dispersion and (fiber or fibre) and optimized<in>metadata ) <and> ( band and transmls..." 

Your search matched 80 of 1194402 documents.

A maximum of 100 results are displayed, 25 to a page, sorted by Relevance in Descending order.

[» View Session History](#)[» New Search](#)[» Key](#)

IEEE JNL IEEE Journal or Magazine

IEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard

## Modify Search

☐ Check to search only within this results setDisplay Format: ☒ Citation ☐ Citation & Abstract

## Select Article Information

View: 1-25 | [26-](#)

- |                          |   |
|--------------------------|---|
| <input type="checkbox"/> | <p><b>1. Module for simultaneous C+L-band dispersion compensation and Raman amplifi</b><br/>           Gruner-Nielsen, L.; Yujun Qian; Palsdottir, B.; Gaarde, P.B.; Dyrbol, S.; Veng, T.;<br/>           Optical Fiber Communication Conference and Exhibit, 2002. OFC 2002<br/>           17-22 Mar 2002 Page(s):65 - 66<br/> <a href="#">AbstractPlus</a>   Full Text: <a href="#">PDF(264 KB)</a> IEEE CNF</p>                                  |
| <input type="checkbox"/> | <p><b>2. Optimized NZDSF-based link for wide-band seamless terrestrial transmissions</b><br/>           Gorlier, M.; Sillard, R.; Beaumont, E.; de Montmorillon, L.-A.; Fleury, L.; Guenot, P.; Be<br/>           P.;<br/>           Optical Fiber Communication Conference and Exhibit, 2002. OFC 2002<br/>           17-22 Mar 2002 Page(s):621 - 622<br/> <a href="#">AbstractPlus</a>   Full Text: <a href="#">PDF(272 KB)</a> IEEE CNF</p>     |
| <input type="checkbox"/> | <p><b>3. Extension of all-optical network-transparent domains based on normalized trans sections</b><br/>           Hanik, N.; Ehrhardt, A.; Gladisch, A.; Peucheret, C.; Jeppesen, P.; Molle, L.; Freund, R<br/>           Lightwave Technology, Journal of<br/>           Volume 22, Issue 6, June 2004 Page(s):1439 - 1453<br/> <a href="#">AbstractPlus</a>   <a href="#">References</a>   Full Text: <a href="#">PDF(1808 KB)</a> IEEE JNL</p> |
| <input type="checkbox"/> | <p><b>4. L-band transmission over 1000 km using standard and dispersion-compensating compensation scheme optimised at 1550 nm</b><br/>           Peucheret, C.; Munoz, I.; Liu, F.; Buxens, A.; Knudsen, S.N.;<br/>           Electronics Letters<br/>           Volume 35, Issue 20, 30 Sept. 1999 Page(s):1759 - 1761<br/> <a href="#">AbstractPlus</a>   Full Text: <a href="#">PDF(348 KB)</a> IEE JNL</p>                                      |
| <input type="checkbox"/> | <p><b>5. Optical fibers and amplifiers for WDM systems</b><br/>           Yadlowsky, M.J.; Deliso, E.M.; Da Silva, V.L.;<br/>           Proceedings of the IEEE<br/>           Volume 85, Issue 11, Nov. 1997 Page(s):1765 - 1779<br/> <a href="#">AbstractPlus</a>   <a href="#">References</a>   Full Text: <a href="#">PDF(252 KB)</a> IEEE JNL</p>  |
| <input type="checkbox"/> | <p><b>6. Investigation of nonlinear distortion in 40-Gb/s transmission with higher order m dispersion compensators</b><br/>           Killey, R.I.; Mikhailov, V.; Appathurai, S.; Bayvel, P.;<br/>           Lightwave Technology, Journal of</p>  |

Volume 20, Issue 12, Dec. 2002 Page(s):2282 - 2289

[AbstractPlus](#) | [References](#) | Full Text: [PDF\(572 KB\)](#) IEEE JNL

- ☐ 7. **Study of the performance of a transparent and reconfigurable metropolitan area**  
Madamopoulos, N.; Friedman, D.C.; Tomkos, I.; Boskovic, A.;  
Lightwave Technology, Journal of  
Volume 20, Issue 6, June 2002 Page(s):937 - 945  
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(334 KB\)](#) IEEE JNL
  
- ☐ 8. **Transport performance of an 80-Gb/s WDM regional area transparent ring network directly modulated lasers**  
Tomkos, I.; Hesse, R.; Madamopoulos, N.; Friedman, C.; Antoniadis, N.; Hallock, B.; Boskovic, A.;  
Lightwave Technology, Journal of  
Volume 20, Issue 4, April 2002 Page(s):562 - 573  
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(412 KB\)](#) IEEE JNL
  
- ☐ 9. **40-Gb/s tandem electroabsorption modulator**  
Mason, B.; Ougazzaden, A.; Lentz, C.W.; Glogovsky, K.G.; Reynolds, C.L.; Przybylek, R.E.; Kercher, T.L.; Boardman, J.W.; Rader, M.T.; Geary, J.M.; Walters, F.S.; Peticolas, J.M.; Chu, S.N.G.; Sirenko, A.; Jurchenko, R.J.; Hybertsen, M.S.; Ketelsen, L.J.P.; Ray  
Photonics Technology Letters, IEEE  
Volume 14, Issue 1, Jan. 2002 Page(s):27 - 29  
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(73 KB\)](#) IEEE JNL
  
- ☐ 10. **Optimized filtering for 40-gb/s/ch-based DWDM transmission systems over standard fiber**  
Hodzic, A.; Winter, M.; Konrad, B.; Randel, S.; Petermann, K.;  
Photonics Technology Letters, IEEE  
Volume 15, Issue 7, July 2003 Page(s):1002 - 1004  
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(372 KB\)](#) IEEE JNL
  
- ☐ 11. **Wavelength-interleaved OADMs incorporating optimized multiple phase-shifted radio systems**  
Marra, C.; Nirmalathas, A.; Novak, D.; Lim, C.; Reekie, L.; Besley, J.A.; Weeks, C.; Bal  
Lightwave Technology, Journal of  
Volume 21, Issue 1, Jan 2003 Page(s):32 - 39  
[AbstractPlus](#) | Full Text: [PDF\(417 KB\)](#) IEEE JNL
  
- ☐ 12. **High spectral density long-haul 40-Gb/s transmission using CSRZ-DPSK format**  
Zhu, B.; Nelson, L.E.; Stulz, S.; Gnauck, A.H.; Doerr, C.; Leuthold, J.; Gruner-Nielsen, M.O.; Kim, J.; Lingle, R.L., Jr.;  
Lightwave Technology, Journal of  
Volume 22, Issue 1, Jan. 2004 Page(s):208 - 214  
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(488 KB\)](#) IEEE JNL
  
- ☐ 13. **43-Gbit/s/spl times/40 ch transmission over 1,600 km of conventional single-mode modulation scheme**  
Nakamura, K.; Ooi, H.; Terahara, T.; Akiyama, H.; Hainberger, R.; Takahara, T.; Ishikawa, T.; Iwabuchi, T.;  
Optical Fiber Communications Conference, 2003. OFC 2003  
23-28 March 2003 Page(s):745 - 746 vol.2  
[AbstractPlus](#) | Full Text: [PDF\(302 KB\)](#) IEEE CNF
  
- ☐ 14. **Cost-optimized 6.3 Tbit/s-capacity terrestrial link over 17 /spl times/ 100 km using binary transmission in a conventional all-EDFA SMF-based system**  
Charlet, G.; Lanne, S.; Pierre, L.; Simonneau, C.; Tran, P.; Mardoyan, H.; Brindel, P.; Antona, J.-C.; Molina, M.; Sillard, P.; Godin, J.; Idler, W.; Bigo, S.;

Optical Fiber Communications Conference, 2003. OFC 2003  
23-28 March 2003 Page(s):PD25 - P1-3 vol.3

[AbstractPlus](#) | [Full Text: PDF\(294 KB\)](#) IEEE CNF

- ☐ **15. Fiber-optic links supporting baseband data and subcarrier-multiplexed control channel impact of MMIC photonic/microwave interfaces**  
Blumenthal, D.J.; Laskar, J.; Gaudino, R.; Sangwoo Han; Shell, M.D.; Vaughn, M.D.;  
Microwave Theory and Techniques, IEEE Transactions on  
Volume 45, Issue 8, Aug. 1997 Page(s):1443 - 1452  
[AbstractPlus](#) | [References](#) | [Full Text: PDF\(412 KB\)](#) IEEE JNL
- ☐ **16. Power budget optimization of STARNET II: an optically amplified direct-detection system with subcarrier control**  
Sadot, D.; Kazovsky, L.G.;  
Lightwave Technology, Journal of  
Volume 15, Issue 9, Sept. 1997 Page(s):1629 - 1635  
[AbstractPlus](#) | [References](#) | [Full Text: PDF\(172 KB\)](#) IEEE JNL
- ☐ **17. Fiber-length extension in an optical 60-GHz transmission system using an EA-modulated negative chirp**  
Stohr, A.; Kitayama, K.; Kuri, T.;  
Photonics Technology Letters, IEEE  
Volume 11, Issue 6, June 1999 Page(s):739 - 741  
[AbstractPlus](#) | [References](#) | [Full Text: PDF\(56 KB\)](#) IEEE JNL
- ☐ **18. Millimeter-wave broad-band fiber-wireless system incorporating baseband data transport over fiber and remote LO delivery**  
Lim, C.; Nirmalathas, A.; Novak, D.; Waterhouse, R.; Yoffe, G.;  
Lightwave Technology, Journal of  
Volume 18, Issue 10, Oct. 2000 Page(s):1355 - 1363  
[AbstractPlus](#) | [References](#) | [Full Text: PDF\(172 KB\)](#) IEEE JNL
- ☐ **19. A 40-Gb/s/ch WDM transmission with SPM/XPM suppression through prechirping and dispersion management**  
Sano, A.; Miyamoto, Y.; Kuwahara, S.; Toba, H.;  
Lightwave Technology, Journal of  
Volume 18, Issue 11, Nov. 2000 Page(s):1519 - 1527  
[AbstractPlus](#) | [References](#) | [Full Text: PDF\(216 KB\)](#) IEEE JNL
- ☐ **20. Multiple signal representation simulation of photonic devices, systems, and networks**  
Lowery, A.; Lenzmann, O.; Koltchanov, I.; Moosburger, R.; Freund, R.; Richter, A.; Gerd  
D.; Hamster, H.;  
Selected Topics in Quantum Electronics, IEEE Journal of  
Volume 6, Issue 2, March-April 2000 Page(s):282 - 296  
[AbstractPlus](#) | [References](#) | [Full Text: PDF\(1756 KB\)](#) IEEE JNL
- ☐ **21. Long-haul WDM transmission using higher order fiber dispersion management**  
Murakami, M.; Matsuda, T.; Maeda, H.; Imai, T.;  
Lightwave Technology, Journal of  
Volume 18, Issue 9, Sept. 2000 Page(s):1197 - 1204  
[AbstractPlus](#) | [References](#) | [Full Text: PDF\(344 KB\)](#) IEEE JNL
- ☐ **22. 500 Gb/s (50×10.66 Gb/s) WDM transmission over 4000 km using broad-band EDFA and dispersion slope fiber**  
Imai, K.; Tsuritani, T.; Takeda, N.; Tanaka, K.; Edagawa, N.; Suzuki, M.;  
Photonics Technology Letters, IEEE  
Volume 12, Issue 7, July 2000 Page(s):909 - 911

[AbstractPlus](#) | [References](#) | Full Text: [PDF\(60 KB\)](#) IEEE JNL

- ☐ **23. Demonstration of negative dispersion fibers for DWDM metropolitan area network**  
Tomkos, I.; Chowdhury, D.; Conradi, J.; Culverhouse, D.; Enns, K.; Giroux, C.; Hallock, T.; Kruse, A.; Kumar, S.; Lascar, N.; Roudas, I.; Sharma, M.; Vodhanel, R.S.; Wang, C  
Selected Topics in Quantum Electronics, IEEE Journal of  
Volume 7, Issue 3, May-June 2001 Page(s):439 - 460

[AbstractPlus](#) | [References](#) | Full Text: [PDF\(855 KB\)](#) IEEE JNL

- ☐ **24. Simultaneous baseband and RF optical modulation scheme for feeding wireless heterogeneous access networks**  
Martinez, A.; Polo, V.; Marti, J.;  
Microwave Theory and Techniques, IEEE Transactions on  
Volume 49, Issue 10, Oct. 2001 Page(s):2018 - 2024

[AbstractPlus](#) | [References](#) | Full Text: [PDF\(232 KB\)](#) IEEE JNL

- ☐ **25. 10-Gb/s transmission of 1.55- $\mu$ m directly modulated signal over 100 km of negative dispersion fiber**  
Tomkos, I.; Hallock, B.; Roudas, I.; Hesse, R.; Boskovic, A.; Nakano, J.; Vodhanel, R.;  
Photonics Technology Letters, IEEE  
Volume 13, Issue 7, July 2001 Page(s):735 - 737

[AbstractPlus](#) | [References](#) | Full Text: [PDF\(60 KB\)](#) IEEE JNL

[View Selected Items](#)

View: 1-25 | 26-

[Help](#) [Contact Us](#) [Privacy & Policy](#)

© Copyright 2005 IEEE - All rights reserved.

powered by  
**Inspection**


[Home](#) | [Login](#) | [Logout](#) | [Access Information](#) | [Alerts](#) |

Welcome United States Patent and Trademark Office

Search Results

[BROWSE](#)[SEARCH](#)[IEEE XPLORE GUIDE](#)Results for "( dispersion and (fiber or fibre) and optimized<in>metadata ) <and> ( band and transmis..." 

Your search matched 80 of 1194402 documents.

A maximum of 80 results are displayed, 25 to a page, sorted by Relevance in Descending order.

[» View Session History](#)[» New Search](#)[» Key](#)

IEEE JNL IEEE Journal or Magazine


IEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard

## Modify Search

( dispersion and (fiber or fibre) and optimized<in>metadata ) <and> ( band and transr ☐ Check to search only within this results setDisplay Format: ☒ Citation ☐ Citation & Abstract

Select Article Information

View: [1-25](#) | [26-](#)

- ☐ 26. **A simple broad-band coherence multiplexed optical access network and its scalability**  
Kani, J.-I.; Iwatsuki, K.; Takachio, N.; Fujii, N.;  
Lightwave Technology, Journal of  
Volume 19, Issue 4, April 2001 Page(s):456 - 464  
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(220 KB\)](#) IEEE JNL
- ☐ 27. **WDM upgrading of an installed submarine optical amplifier system**  
Murakami, M.; Matsuda, T.; Maeda, H.; Tada, Y.; Imai, T.;  
Lightwave Technology, Journal of  
Volume 19, Issue 11, Nov. 2001 Page(s):1665 - 1674  
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(172 KB\)](#) IEEE JNL
- ☐ 28. **Subcarrier multiplexing for high-speed optical transmission**  
Rongqing Hui; Benyuan Zhu; Renxiang Huang; Allen, C.T.; Demarest, K.R.; Richards,  
Lightwave Technology, Journal of  
Volume 20, Issue 3, March 2002 Page(s):417 - 427  
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(377 KB\)](#) IEEE JNL
- ☐ 29. **Dispersion tolerance and transmission distance of a 40-Gb/s dispersion managed transmission system**  
Takushima, Y.; Douke, T.; Xiaomin Wang; Kikuchi, K.;  
Lightwave Technology, Journal of  
Volume 20, Issue 3, March 2002 Page(s):360 - 367  
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(304 KB\)](#) IEEE JNL
- ☐ 30. **Super-dense WDM transmission of spectrum-sliced incoherent light for wide-area network**  
Akimoto, K.; Kani, J.; Teshima, M.; Iwatsuki, K.;  
Lightwave Technology, Journal of  
Volume 21, Issue 11, Nov. 2003 Page(s):2715 - 2722  
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(375 KB\)](#) IEEE JNL
- ☐ 31. **A 3-V fully differential distributed limiting driver for 40-Gb/s optical transmission**  
McPherson, D.S.; Pera, F.; Tazlauanu, M.; Voinigescu, S.P.;  
Solid-State Circuits, IEEE Journal of  
Volume 38, Issue 9, Sept. 2003 Page(s):1485 - 1496  
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(3016 KB\)](#) IEEE JNL

- ☐ **32. Transmission of 2.5-Gb/s WDM channels spaced at 5 GHz over 480 km of single-mode fiber**  
Jun, S.B.; Park, K.J.; Chung, Y.C.;  
Photonics Technology Letters, IEEE  
Volume 15, Issue 9, Sept. 2003 Page(s):1309 - 1311  
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(223 KB\)](#) IEEE JNL
- ☐ **33. Simultaneous suppression of third-order dispersion and sideband instability in single-mode optical fiber transmission by midway optical phase conjugation employing higher-order dispersion management**  
Kaewplung, P.; Angkaew, T.; Kikuchi, K.;  
Lightwave Technology, Journal of  
Volume 21, Issue 6, June 2003 Page(s):1465 - 1473  
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(493 KB\)](#) IEEE JNL
- ☐ **34. Comparison of different Raman amplification schemes in long-span fiber transmission with double Rayleigh backscattering**  
Zhi Tong; Huai Wei; Shuisheng Jian;  
Photonics Technology Letters, IEEE  
Volume 15, Issue 12, Dec 2003 Page(s):1782 - 1784  
[AbstractPlus](#) | Full Text: [PDF\(248 KB\)](#) IEEE JNL
- ☐ **35. Design and performance of the bidirectional optical single-sideband modulator**  
Loayssa, A.; Lim, C.; Nirmalathas, A.; Benito, D.;  
Lightwave Technology, Journal of  
Volume 21, Issue 4, April 2003 Page(s):1071 - 1082  
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(828 KB\)](#) IEEE JNL
- ☐ **36. Impact of response flatness on duobinary transmission performance: an optimization with improved sensitivity**  
Bravetti, P.; Moller, L.; Ghisloti, G.; Cavalli, C.; Gualandi, C.; Bergamini, P.;  
Photonics Technology Letters, IEEE  
Volume 16, Issue 9, Sept. 2004 Page(s):2159 - 2161  
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(264 KB\)](#) IEEE JNL
- ☐ **37. 1050-km WDM transmission of 8/spl times/10.709Gb/s DPSK signal using cascaded semiconductor optical amplifier**  
Zhihong Li; Yi Dong; Jinyu Mo; Yixin Wang; Chao Lu;  
Photonics Technology Letters, IEEE  
Volume 16, Issue 7, July 2004 Page(s):1760 - 1762  
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(136 KB\)](#) IEEE JNL
- ☐ **38. Optimization of transmission performance of 10-Gb/s optical vestigial sideband modulation with electrical dispersion compensation by numerical simulation**  
Yonggyoo Kim; Sangil Kim; Inkyu Lee; Jichai Jeong;  
Selected Topics in Quantum Electronics, IEEE Journal of  
Volume 10, Issue 2, March-April 2004 Page(s):371 - 375  
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(200 KB\)](#) IEEE JNL
- ☐ **39. Principles for electronic equalization of polarization-mode dispersion**  
Haunstein, H.F.; Wolfgang Sauer-Greff; Dittrich, A.; Sticht, K.; Urbansky, R.;  
Lightwave Technology, Journal of  
Volume 22, Issue 4, April 2004 Page(s):1169 - 1182  
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(416 KB\)](#) IEEE JNL
- ☐ **40. Compact and low-loss interleaved filter employing lattice-form structure and silicon waveguide**

Oguma, M.; Kito, T.; Inoue, Y.; Mizuno, T.; Shibata, T.; Kohtoku, M.; Hibino, Y.;  
Lightwave Technology, Journal of  
Volume 22, Issue 3, March 2004 Page(s):895 - 902  
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(688 KB\)](#) IEEE JNL

- ☐ **41. Transmission Bandwidth Evaluation Based on Optical Pulse Circulation**  
Aiba, T.; Inoue, Y.; Shibata, N.;  
Photonics Technology Letters, IEEE  
Volume 17, Issue 7, July 2005 Page(s):1489 - 1491  
[AbstractPlus](#) | Full Text: [PDF\(160 KB\)](#) IEEE JNL
- ☐ **42. Optimized filtering for AMI-RZ and DCS-RZ SSB signals in 40-Gb/s/ch-based UDV**  
Charrua, P.M.A.; Cartaxo, A.V.T.;  
Photonics Technology Letters, IEEE  
Volume 17, Issue 1, Jan. 2005 Page(s):223 - 225  
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(152 KB\)](#) IEEE JNL
- ☐ **43. Experimental and theoretical demonstration of launch power optimisation using nonlinearity monitor [optical transmission system]**  
Petersen, M.N.; Nielsen, M.L.;  
Electronics Letters  
Volume 41, Issue 5, 3 Mar 2005 Page(s):268 - 269  
[AbstractPlus](#) | Full Text: [PDF\(495 KB\)](#) IEEE JNL
- ☐ **44. Nonlinear waveform reshaping transmission using dispersion decreasing trans narrow-band sliding filter**  
Kawai, S.; Iwatsuki, K.;  
Optoelectronics, IEEE Proceedings-  
Volume 147, Issue 5, Oct. 2000 Page(s):345 - 349  
[AbstractPlus](#) | Full Text: [PDF\(436 KB\)](#) IEEE JNL
- ☐ **45. Simultaneous transmission of bandwidth-weighted TDM and WDM signals within optical amplifier gain-band**  
Asobe, M.; Miyamoto, Y.; Hirano, A.; Yoneyama, M.; Okamura, H.; Hagimoto, K.; Masu  
Electronics Letters  
Volume 34, Issue 5, 5 March 1998 Page(s):487 - 488  
[AbstractPlus](#) | Full Text: [PDF\(276 KB\)](#) IEEE JNL
- ☐ **46. Crosstalk-aware wavelength assignment in dynamic wavelength-routed optical n**  
Tao Deng; Subramaniam, S.; Jinghao Xu;  
Broadband Networks, 2004. BroadNets 2004. Proceedings. First International Conference  
2004 Page(s):140  
[AbstractPlus](#) | Full Text: [PDF\(312 KB\)](#) IEEE CNF
- ☐ **47. Performance optimization using advanced modulation formats in WDM metropol networks**  
Tzanakaki, A.; Zachropoulos, I.; Parcharidou, D.; Tomkos, I.;  
Transparent Optical Networks, 2004. Proceedings of 2004 6th International Conference  
Volume 1, 4-8 July 2004 Page(s):81 - 86 vol.1  
[AbstractPlus](#) | Full Text: [PDF\(446 KB\)](#) IEEE CNF
- ☐ **48. Experimental investigation of the impact of NZDF zero-dispersion wavelength on transmission in Raman-enhanced systems**  
Leng, L.; Zhu, B.; Stulz, S.; Nelson, L.; Bouteiller, J.; Kristensen, P.; Gruner-Nielsen, L.  
Optical Fiber Communications Conference, 2003. OFC 2003  
23-28 March 2003 Page(s):330 - 332 vol.1  
[AbstractPlus](#) | Full Text: [PDF\(381 KB\)](#) IEEE CNF



- ☐ **49. Long distance transmission of 1550 nm CATV signals on different optical fiber ty**  
Radmacher, R.; Seidenberg, J.;  
Microwave and Optoelectronics Conference, 2001. IMOC 2001. Proceedings of the 20C  
MTT-S International  
Volume 1, 6-10 Aug. 2001 Page(s):359 - 362 vol.1  
[AbstractPlus](#) | Full Text: [PDF](#)(342 KB) IEEE CNF
- ☐ **50. Line coding for dispersion tolerance and spectral efficiency: duobinary and beyc**  
Stark, J.B.; Mazo, J.E.; Laroia, R.;  
Optical Fiber Communication Conference, 1999, and the International Conference on I  
and Optical Fiber Communication. OFC/IOOC '99. Technical Digest  
Volume 2, 21-26 Feb. 1999 Page(s):331 - 333 vol.2  
[AbstractPlus](#) | Full Text: [PDF](#)(204 KB) IEEE CNF

[View Selected Items](#)View: [1-25](#) | 26-

indexed by  
**Inspecc**

[Help](#) [Contact Us](#) [Privacy & :](#)

© Copyright 2005 IEEE -


[Home](#) | [Login](#) | [Logout](#) | [Access Information](#) | [Alerts](#) |

Welcome United States Patent and Trademark Office

Search Results

BROWSE

SEARCH

IEEE XPLORE GUIDE

Results for "( dispersion and (fiber or fibre) and optimized&lt;in&gt;metadata ) &lt;and&gt; ( band and transmis..."

e-mail

Your search matched 80 of 1194402 documents.

A maximum of 80 results are displayed, 25 to a page, sorted by Relevance in Descending order.

» [View Session History](#)» [New Search](#)

» Key

IEEE JNL IEEE Journal or Magazine

IEEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard

## Modify Search

☐ Check to search only within this results set
Display Format: ☒ Citation ☐ Citation & Abstract

Select Article Information

View: [1-25](#) | [26-](#)

- ☐ 51. 640 Gb/s WDM transmission over 400 km of dispersion-shifted fiber using 1.58  $\mu$  initial chirp optimization  
Yano, Y.; Yamashita, M.; Suzuki, T.; Kudo, K.; Yamaguchi, M.; Emura, K.;  
Optical Communication, 1998. 24th European Conference on  
Volume 1, 20-24 Sept. 1998 Page(s):261 - 262 vol.1  
[AbstractPlus](#) | Full Text: [PDF\(212 KB\)](#) IEEE CNF
- ☐ 52. Experimental reduction of chromatic dispersion effects in electro-optical up-con millimeter-wave fiber-optic links  
Fuster, J.M.; Marti, J.; Corral, J.L.;  
Optical Fiber Communication Conference and Exhibit, 1998. OFC '98., Technical Digest  
22-27 Feb. 1998 Page(s):199 - 200  
[AbstractPlus](#) | Full Text: [PDF\(252 KB\)](#) IEEE CNF
- ☐ 53. Optimizing fiber dispersion for DWDM systems  
Judy, A.F.;  
Optical Fiber Communication. OFC 97., Conference on  
16-21 Feb. 1997 Page(s):272 - 273  
[AbstractPlus](#) | Full Text: [PDF\(232 KB\)](#) IEEE CNF
- ☐ 54. Optimizing Pulse Shaping for Baseband Digital Transmission with Self-Bit Sync Takasaki, Y.;  
Communications, IEEE Transactions on [legacy, pre - 1988]  
Volume 28, Issue 8, Aug 1980 Page(s):1164 - 1172  
[AbstractPlus](#) | Full Text: [PDF\(792 KB\)](#) IEEE JNL
- ☐ 55. Design and performance of ultra-low-loss single-mode fiber cable in 1.5- $\mu$ m wave Kitayama, K.; Uesugi, N.; Ohashi, M.; Seikai, S.; Ishihara, K.;  
Lightwave Technology, Journal of  
Volume 3, Issue 3, Jun 1985 Page(s):579 - 585  
[AbstractPlus](#) | Full Text: [PDF\(752 KB\)](#) IEEE JNL
- ☐ 56. Key building blocks for high-capacity WDM photonic transport networks  
Jourdan, A.; Bakhti, F.; Berthelon, L.; Bruyere, F.; Chbat, M.W.; Chiaroni, D.; Drion, C.; G.J.; Garnot, M.; Masetti, F.; Perrier, P.A.; Renaud, M.;  
Selected Areas in Communications, IEEE Journal on  
Volume 16, Issue 7, Sept. 1998 Page(s):1286 - 1297

[AbstractPlus](#) | [References](#) | Full Text: [PDF\(300 KB\)](#) IEEE JNL

- ☐ **57. Optimization of signal pulse duty factor in long-distance optical amplifier system**  
Maeda, H.; Murakami, M.; Ohkawa, N.; Imai, T.;  
Photonics Technology Letters, IEEE  
Volume 10, Issue 8, Aug. 1998 Page(s):1183 - 1185  
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(72 KB\)](#) IEEE JNL
- ☐ **58. Experimental investigation of dispersion management for an 8×10-Gb/s WDM tra  
system over nonzero dispersion-shifted fiber**  
Bertaina, A.; Bigo, S.; Francia, C.; Gauchard, S.; Hamaide, J.-P.; Chbat, M.W.;  
Photonics Technology Letters, IEEE  
Volume 11, Issue 8, Aug. 1999 Page(s):1045 - 1047  
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(56 KB\)](#) IEEE JNL
- ☐ **59. Generalized root-mean-square momentum method to describe chirped return-to-  
propagation in dispersion-managed fiber links**  
Turitsyn, S.K.; Schafer, T.; Mezentsev, V.K.;  
Photonics Technology Letters, IEEE  
Volume 11, Issue 2, Feb. 1999 Page(s):203 - 205  
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(128 KB\)](#) IEEE JNL
- ☐ **60. 40-Gb/s RZ transmission over transoceanic distance in a dispersion managed st:  
using a new inline synchronous modulation method**  
Sahara, A.; Inui, T.; Komukai, T.; Kubota, H.; Nakazawa, M.;  
Photonics Technology Letters, IEEE  
Volume 12, Issue 6, June 2000 Page(s):720 - 722  
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(56 KB\)](#) IEEE JNL
- ☐ **61. Optimum 10-Gb/s NRZ receiver bandwidths for ultradense WDM transmission sy**  
Lyubomirsky, I.; Shetty, S.; Roman, J.; Frankel, M.Y.;  
Photonics Technology Letters, IEEE  
Volume 14, Issue 6, June 2002 Page(s):870 - 872  
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(194 KB\)](#) IEEE JNL
- ☐ **62. High-speed resonant cavity light-emitting diodes at 650 nm**  
Dumitrescu, M.M.; Saarinen, M.J.; Guina, M.D.; Pessa, M.V.;  
Selected Topics in Quantum Electronics, IEEE Journal of  
Volume 8, Issue 2, March-April 2002 Page(s):219 - 230  
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(563 KB\)](#) IEEE JNL
- ☐ **63. Effect of transmission fiber on chaos communication system based on erbium-d  
laser**  
Fan Zhang; Chu, P.L.;  
Lightwave Technology, Journal of  
Volume 21, Issue 12, Dec. 2003 Page(s):3334 - 3343  
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(719 KB\)](#) IEEE JNL
- ☐ **64. Coupled mode theory: a powerful tool for analyzing complex VCSELs and desigr  
device features**  
Debernardi, P.; Gian Paolo Bava;  
Selected Topics in Quantum Electronics, IEEE Journal of  
Volume 9, Issue 3, May-June 2003 Page(s):905 - 917  
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(1237 KB\)](#) IEEE JNL
- ☐ **65. Gain-flattening filter design using rotationally symmetric crossed gratings**  
Lobo, A.E.; Besley, J.A.; de Sterke, C.M.;

Lightwave Technology, Journal of  
Volume 21, Issue 9, Sept. 2003 Page(s):2084 - 2088  
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(358 KB\)](#) IEEE JNL

- ☐ **66. Optimum length of one-stage polarization-mode dispersion compensators with a**  
Chongjin Xie; Haunstein, H.;  
Photonics Technology Letters, IEEE  
Volume 15, Issue 9, Sept. 2003 Page(s):1228 - 1230  
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(230 KB\)](#) IEEE JNL
- ☐ **67. Miniaturized transmission grating laser at 1.55  $\mu\text{m}$  with 128-nm tuning range**  
Vainio, M.; Merimaa, M.; Sidorin, Y.; Kuittinen, M.; Ikonen, E.;  
Photonics Technology Letters, IEEE  
Volume 15, Issue 7, July 2003 Page(s):990 - 992  
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(238 KB\)](#) IEEE JNL
- ☐ **68. Impact of optical filtering on duobinary transmission**  
Lyubomirsky, I.; Pitchumani, B.;  
Photonics Technology Letters, IEEE  
Volume 16, Issue 8, Aug. 2004 Page(s):1969 - 1971  
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(320 KB\)](#) IEEE JNL
- ☐ **69. Modulation formats suitable for ultrahigh spectral efficient WDM systems**  
Bosco, G.; Carena, A.; Curri, V.; Gaudino, R.; Poggiolini, P.;  
Selected Topics in Quantum Electronics, IEEE Journal of  
Volume 10, Issue 2, March-April 2004 Page(s):321 - 328  
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(336 KB\)](#) IEEE JNL
- ☐ **70. Optimizing subcarrier-multiplexed WDM transmission links**  
Woodward, S.L.; Phillips, M.R.;  
Lightwave Technology, Journal of  
Volume 22, Issue 3, March 2004 Page(s):773 - 778  
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(224 KB\)](#) IEEE JNL
- ☐ **71. Experimental Verification of Numerically Optimized Photonic Crystal Injector, Y-Junction Bend**  
Ayre, M.; Karle, T.J.; Wu, L.; Davies, T.; Krauss, T.F.;  
Selected Areas in Communications, IEEE Journal on  
Volume 23, Issue 7, July 2005 Page(s):1390 - 1395  
[AbstractPlus](#) | Full Text: [PDF\(1392 KB\)](#) IEEE JNL
- ☐ **72. Optical and electrical characterization of GaAs-based high-speed and high-sensitivity doped resonant cavity-enhanced HSM photodetector**  
Xiyang Chen; Nabet, B.; Xia Zhao; Hung-Jen Huang; Cola, A.; Quaranta, F.; Taurino, A.  
Electron Devices, IEEE Transactions on  
Volume 52, Issue 4, Apr 2005 Page(s):454 - 464  
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(1112 KB\)](#) IEEE JNL
- ☐ **73. Photonic crystal waveguide analysis using interface boundary conditions**  
Istrate, E.; Sargent, E.H.;  
Quantum Electronics, IEEE Journal of  
Volume 41, Issue 3, March 2005 Page(s):461 - 467  
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(336 KB\)](#) IEEE JNL
- ☐ **74. Tunable optical group delay in an active waveguide semiconductor resonator**  
Fisher, M.R.; Minin, S.; Shun-Lien Chuang;  
Selected Topics in Quantum Electronics, IEEE Journal of

Volume 11, Issue 1, Jan-Feb 2005 Page(s):197 - 203

[AbstractPlus](#) | Full Text: [PDF](#)(480 KB) IEEE JNL

- ☐ **75. Influence of transmitter chirp on optimised dispersion managed 10 Gbit/s NRZ In**  
Pavlovic, N.B.; Cartaxo, A.V.T.;  
Optoelectronics, IEE Proceedings-  
Volume 151, Issue 1, 2 Feb. 2004 Page(s):27 - 36  
[AbstractPlus](#) | Full Text: [PDF](#)(425 KB) IEE JNL

[View Selected Items](#)

View: [1-25](#) | [26-](#)

indexed by  
 Inspec<sup>®</sup>

[Help](#) [Contact Us](#) [Privacy & :](#)

© Copyright 2005 IEEE -


[Home](#) | [Login](#) | [Logout](#) | [Access Information](#) | [Alerts](#) |

Welcome United States Patent and Trademark Office

Search Results

BROWSE

SEARCH

IEEE XPLORE GUIDE

Results for "( dispersion and (fiber or fibre) and optimized<in>metadata ) <and> ( band and transmis..." 

Your search matched 80 of 1194402 documents.

A maximum of 80 results are displayed, 25 to a page, sorted by Relevance in Descending order.

» [View Session History](#)» [New Search](#)

» Key

IEEE JNL IEEE Journal or Magazine


IEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard

## Modify Search

( dispersion and (fiber or fibre) and optimized<in>metadata ) <and> ( band and transr ☐ Check to search only within this results setDisplay Format: ☒ Citation ☐ Citation & Abstract

Select Article Information

View: [1-25](#) | [26-](#)

- ☐ 76. **Raman-assisted transmission: toward ideal distributed amplification**  
Vasilyev, M.;  
Optical Fiber Communications Conference, 2003. OFC 2003  
23-28 March 2003 Page(s):303 - 305 vol.1  
[AbstractPlus](#) | Full Text: [PDF\(402 KB\)](#) IEEE CNF
- ☐ 77. **Multilevel signaling and equalization over multimode fiber at 10 Gbit/s**  
Pelard, C.; Gebara, E.; Kim, A.J.; Vrazel, M.; Peddi, E.J.; Hietala, V.M.; Bajekal, S.; Ra  
J.;  
Gallium Arsenide Integrated Circuit (GaAs IC) Symposium, 2003. 25th Annual Technic  
IEEE  
2003 Page(s):197 - 199  
[AbstractPlus](#) | Full Text: [PDF\(356 KB\)](#) IEEE CNF
- ☐ 78. **Chirp optimized 60 GHz millimeter-wave fiber-optic transmission incorporating E**  
Stohr, A.; Kitayama, K.-I.; Kuri, T.;  
Optical Communication, 1998. 24th European Conference on  
Volume 1, 20-24 Sept. 1998 Page(s):669 - 670 vol.1  
[AbstractPlus](#) | Full Text: [PDF\(180 KB\)](#) IEEE CNF
- ☐ 79. **Viable dispersion management scheme with standard and NZDSF fibers for 10 G systems**  
Ten, S.; Boskovic, A.; da Silva, V.L.;  
Optical Communication, 1998. 24th European Conference on  
Volume 1, 20-24 Sept. 1998 Page(s):179 - 180 vol.1  
[AbstractPlus](#) | Full Text: [PDF\(172 KB\)](#) IEEE CNF
- ☐ 80. **Distributed feedback lasers with temperature tuning over 4.5 nm for WDM 2.5-Gb transmission**  
Thedrez, B.; Rainsant, J.M.; Provost, J.G.; Gentner, J.L.; Voiriot, V.; Roux, I.; Fenier, B  
Optical Fiber Communication Conference and Exhibit, 1998. OFC '98., Technical Dige  
22-27 Feb. 1998 Page(s):382 - 383  
[AbstractPlus](#) | Full Text: [PDF\(212 KB\)](#) IEEE CNF

[View Selected Items](#)View: [1-25](#) | [26-](#)

indexed by  
**#Inspec**

[Help](#) [Contact Us](#) [Privacy & :](#)

© Copyright 2005 IEEE –



[Home](#) | [Login](#) | [Logout](#) | [Access Information](#) | [Alerts](#) |

Welcome United States Patent and Trademark Office

**Search Results****BROWSE****SEARCH****IEEE XPLORE GUIDE**Results for "( dispersion and (fiber or fibre) and optimized<in>metadata ) <and> ( band and transmiss..." 

Your search matched 1 of 1194402 documents.

A maximum of 100 results are displayed, 25 to a page, sorted by Relevance in Descending order.

» [View Session History](#)» [New Search](#)» **Key****IEEE JNL** IEEE Journal or Magazine**IEEE JNL** IEEE Journal or Magazine**IEEE CNF** IEEE Conference Proceeding**IEEE CNF** IEEE Conference Proceeding**IEEE STD** IEEE Standard**Modify Search**( dispersion and (fiber or fibre) and optimized<in>metadata ) <and> ( band and transmiss... ☐ Check to search only within this results set**Display Format:** ☒ Citation ☐ Citation & Abstract

- ☐ 1. **Demonstration of negative dispersion fibers for DWDM metropolitan area network**  
Tomkos, I.; Chowdhury, D.; Conradi, J.; Culverhouse, D.; Ennser, K.; Giroux, C.; Hallock, T.; Kruse, A.; Kumar, S.; Lascar, N.; Roudas, I.; Sharma, M.; Vodhanel, R.S.; Wang, C  
Selected Topics in Quantum Electronics, IEEE Journal of  
Volume 7, Issue 3, May-June 2001 Page(s):439 - 460

[AbstractPlus](#) | [References](#) | Full Text: [PDF\(855 KB\)](#) **IEEE JNL**[View Selected Items](#)indexed by  
[Help](#) [Contact Us](#) [Privacy & Policy](#)

© Copyright 2005 IEEE -



Due to system maintenance, DataStar will not be available on Saturday July 23, 2005 from 4:00 a.m. until 10:00 a.m. GMT + 2. Thank you for your understanding.



# Dialog DataStar

[options](#)
[logoff](#)
[feedback](#)
[help](#)
[databases](#)
[search page](#)

## Titles

To view one or many selected titles scroll down the list and click the corresponding boxes. Then click display at the bottom page. To view one particular document click the link above the title to display immediately.

Documents 1 to 17 of 17 from your search "**dispersion AND optimized AND ( fiber OR fibre ) AND band AND transmission**" in all the available information:

Number of titles selected from other pages: 0

☐ **Select All**

☐ 1 [display full document](#)

2004. (INZZ) **Fully-design-optimized** NZDSF enabling economical DWDM **transmission** of both 10 G and 40 G in metro networks.

☐ 2 [display full document](#)

2004. (INZZ) Performance optimization using advanced modulation formats in WDM metropolitan area networks.

☐ 3 [display full document](#)

2003. (INZZ) Experimental investigation of the impact of NZDF **zero-dispersion** wavelength on broadband **transmission** in Raman-enhanced systems.

☐ 4 [display full document](#)

2004. (INZZ) Compact and low-loss interleaved filter employing lattice-form structure and silica-based waveguide.

☐ 5 [display full document](#)

2002. (INZZ) Investigation of nonlinear distortion in 40-Gb/s **transmission** with higher order mode **fiber dispersion** compensators.

☐ 6 [display full document](#)

2002. (INZZ) Module for simultaneous **C+L-band dispersion** compensation and Raman amplification.

☐ 7 [display full document](#)

2002. (INZZ) **Dispersion** flattened **transmission** line consisting of **wide-band** non-zero **dispersion** shifted **fiber** and **dispersion** compensating **fiber** module.

☐ 8 [display full document](#)

2001. (INZZ) Long distance **transmission** of 1550 nm CATV signals on different optical **fiber** types.

☐ 9 [display full document](#)

2002. (INZZ) Optimization of a dual-core **dispersion** slope compensating **fiber** for DWDM **transmission** in the 1480-1610 nm **band** through G.652 single-mode fibers.

10 [display full document](#)



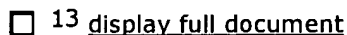
2001. (INZZ) **Perfectly-dispersion-flattened** hybrid optical **transmission** lines for ultra-large capacity WDM **transmission**.



2002. (INZZ) 40-Gb/s tandem electroabsorption modulator.



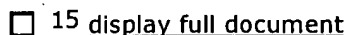
2001. (INZZ) Simultaneous baseband and RF optical modulation scheme for feeding wireless and wireline heterogeneous access networks.



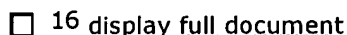
2000. (INZZ) Millimeter-wave **broad-band fiber-wireless** system incorporating baseband data **transmission** over **fiber** and remote LO delivery.



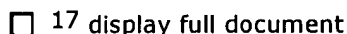
2000. (INZZ) Nonlinear waveform reshaping **transmission** using **dispersion** decreasing **transmission fibre** and **narrow-band** sliding filter.



1999. (INZZ) Remote upconversion in microwave **fiber** optic links employing an unbalanced Mach-Zehnder interferometer.



1992. (INZZ) 0.78-  $\mu$ m digital **transmission** characteristics using 1.3-  $\mu$ m **optimized** single-mode **fiber** for a subscriber loop.



1979. (INZZ) **Transmission** experiments in the 1.2 approximately 1.6  $\mu$ m wavelength region using graded-index optical **fiber** cables.

Selection	Display Format	Output Format	ERA <sup>SM</sup> Electronic Redistribution & Archiving
<input checked="" type="radio"/> from this page <input type="radio"/> from all pages	<input checked="" type="radio"/> Full <input type="radio"/> Free <input type="radio"/> Short <input type="radio"/> Medium <input type="radio"/> Custom <a href="#">Help with Formats</a>	<input checked="" type="radio"/> HTML <input type="radio"/> Tagged (for tables) <input type="radio"/> PDF <input type="radio"/> RTF	Copies you will redistribute: <input type="text"/> Employees who will access archived record (s): <input type="text"/> <a href="#">Help with ERA</a>
Sort your entire search result by <input type="text" value="Publication year"/> <input type="button" value="v"/> <input type="text" value="Ascending"/>			

Top - News & FAQs - Dialog

© 2005 Dialog

IP.com  
PriorArtDatabase

July 18, 2005

USPTO

Secure

**Search**

Full Text  
Concept  
Document ID  
Recent Disclosures

**Publish**

Publish Disclosure

**My IP.com**

Manage Account  
Prior Purchases  
Prior Disclosures  
Events  
Main Page  
Support  
Logout

**Fingerprint Lookup**

Lookup

Displaying records #1 through 4 out of 4

Result # 1 Relevance: ○○○○○○

**TAILORED EMITTER SPECTRUM FOR PLASTIC OPTICAL FIBER**

1991-07-01

IPCOM000006231D

English

Throughout the evolution of fiber optic technology, optoelectronic component development driven by the characteristics of glass fiber for telecommunications applications. These typically have small core diameters (SM, 50um, or 62.5 um) and low ...

Result # 2 Relevance: ○○○○○○

**Lowering Ejection Force During Injection Molding of Syndiotactic Polystyrene (SPS) Compounds**

03-Oct-2003

IPCOM000019870D

English

QUESTRA\* syndiotactic polystyrene (SPS) is a semi-crystalline polymer that is useful as an engineering plastic, especially when compounded with glass fiber reinforcement, and often used in applications such as impact modifiers and flame retardants. With a melting point of 270°C, SPS ...

Result # 3 Relevance: ○○○○○○

**Critical issues in high bandwidth networking (RFC1077)**

1988-11-01

IPCOM000001886D

English

At the request of Maj. Mark Pullen and Maj. Brian Boesch of DARPA, an ad-hoc working group was assembled to develop a set of recommendations on the research required to achieve a high-bandwidth network as discussed in the FCCSET recommendations for Phase III.

Result # 4 Relevance: ○○○○○○

**Maskless, Microlens EUV Lithography System**

25-Mar-2004

IPCOM000022681D

English

This is an updated version of U.S. Patent 6498685, including amendments and corrections.

Displaying page 1 of 1 &lt;&lt; FIRST | &lt; BACK | NEXT &gt; | LAST &gt;&gt;

Search query: dispersion AND optimized AND (fiber OR fibre)

[New search](#) | [Modify this search](#) | [Search within current results](#)

Copyright © 2005 IP.com, Inc. All rights reserved. |


[SPIE DL home](#) | [Scitation home](#) | [Search SPIN](#) | [help](#) | [contact](#) | [si](#)
[SPIE Digital Library](#)
[Proceedings](#)
[Journals](#)

SPIE—The International  
Society for Optical Engineering

[My SPIE Subscription](#) | [My E-mail Alerts](#) | [My Arti](#)
[Home](#) » [Advanced Search](#) » [Search Results](#)

SEARCH DIGITAL LIBRARY

[\[Back to Search Query](#) | [Start New Search](#) | [Searching Hints\]](#)

[Advanced Search](#)

BROWSE PROCEEDINGS

☒ [Proceedings](#)
☒ [By Year](#)
☒ [By Symposium](#)
☒ [By Volume No.](#)
☒ [By Volume Title](#)
☒ [By Technology](#)

BROWSE JOURNALS

☒ [Journals](#)
☒ [Optical Engineering](#)
☒ [J. Electronic Imaging](#)
☒ [J. Biomedical Optics](#)
☒ [J. Microlithography,  
Microfabrication,  
and Microsystems](#)

GENERAL INFORMATION

☒ [About the Digital  
Library](#)
☒ [Subscriptions &  
Pricing](#)
☒ [E-mail Alerts](#)
☒ [Terms of Use](#)
☒ [Companies &  
Institutions](#)
☒ [SPIEWeb](#)

## Search Results

You were searching for : (dispersion AND optimized AND (fiber OR fibre))

You found 85 out of 190367 (85 returned)

Documents 1 - 25 listed on this page

Refine your query if desired:

 in 

Results Sorting Options

Options for selected Articles

Adding to MyArticles will open a second window (Scitation login required).

[\[ Related SPIE Products \]](#)
[\[ 1 | 2 | 3 | 4 | Next 25 \]](#)

79%

1. ☐ **Optimization of index modulation profile of sampling periodic sampled fiber Bragg gratings**

 Yumin Liu, Zhongyuan Yu, Hongbo Yang, and Na Zhang  
Proc. SPIE Int. Soc. Opt. Eng. **5595**, 328 (2004) PDF (352 kB)

79%

2. ☐ **Model and algorithm of optimization of a refractive index single-mode fibers for optical communication networks**

 Vladimir A. Burdin, Roman V. Andreev, and Denis E. Praporshchi  
Proc. SPIE Int. Soc. Opt. Eng. **5485**, 63 (2004) PDF (334 kB)

79%

3. ☐ **Improvement of the performance of high-capacity WDM-transmission systems due to nonlinear optical effects**

 Josef Bregenzer, Erich Leitgeb, Peter Fasser, Werner Heckel, and Juergen Schmidtke  
Proc. SPIE Int. Soc. Opt. Eng. **4972**, 164 (2003) PDF (89 kB)

79%

4. ☐ **Optimization of a solution procedure for exact fiber-propagation characteristics and bending-loss analysis**

 Wei Wang and Shuisheng Jian  
Proc. SPIE Int. Soc. Opt. Eng. **2321**, 458 (1994) PDF (153 kB)

79%

5. ☐ **Enhanced polarization mode dispersion tolerance by opti**

**receiver bandwidth**

J. Chen, Y. X. Wang, and C. Lu

Opt. Eng. **44**, 025001 (2005) Full Text PDF (78 kB)

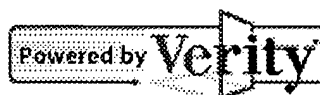
- 79%** 6. ☐ **Analysis of supercontinuum generation in highly nonlinear pumped by erbium fiber laser sources: observations and optimizations**  
Ping Shum, Ming L. Tang, Yi Qian, and Yan D. Gong  
Proc. SPIE Int. Soc. Opt. Eng. **5623**, 392 (2005) PDF (297 kB)
- 79%** 7. ☐ **New type of communication optical fiber with S+C+L band**  
Zhenbao He, Weijun Tong, Jie Luo, Shuqiang Zhang, and Dexiou  
Proc. SPIE Int. Soc. Opt. Eng. **5279**, 625 (2004) PDF (210 kB)
- 79%** 8. ☐ **Dispersion management for the transmission of mixed data of 40 Gb/s and 10 Gb/s in the same fiber**  
Gottfried Lehmann and Eckhard Meissner  
Proc. SPIE Int. Soc. Opt. Eng. **4906**, 253 (2002) PDF (243 kB)
- 79%** 9. ☐ **Large effective area fiber for DWDM systems**  
Sunil P. Survaiya and R. K. Shevgaonkar  
Proc. SPIE Int. Soc. Opt. Eng. **4417**, 417 (2001) PDF (161 kB)
- 77%** 10. ☐ **Numerical analysis of the heat transfer within photonic crystal fibre preforms**  
Francisco R. Villatoro and Pablo Udias de la Mora  
Proc. SPIE Int. Soc. Opt. Eng. **5840**, 397 (2005) PDF (1142 kB)
- 77%** 11. ☐ **Nondestructive damage sensitivity of functionalized carbon nanotube and nanofiber/epoxy composites using electrical resistance measurement**  
Joung-Man Park, Jin-Kyu Jung, Sung-Ju Kim, Jae-Rock Lee, and Kim  
Proc. SPIE Int. Soc. Opt. Eng. **5758**, 338 (2005) PDF (810 kB)
- 77%** 12. ☐ **Cost-effective all-fiber autocorrelator-based 1300-nm OC1**  
Felix Feldchtein, Jeff Bush, Grigory Gelikonov, Valentin Gelikonov, Sergey Piyevsky  
Proc. SPIE Int. Soc. Opt. Eng. **5690**, 349 (2005) PDF (255 kB)
- 77%** 13. ☐ **Parameter optimization for one-stage PMDC in 40G bit/s optical transmission systems**  
Hongxiang Wang and Yuefeng Ji  
Proc. SPIE Int. Soc. Opt. Eng. **5625**, 544 (2005) PDF (314 kB)
- 77%** 14. ☐ **Experimental comparison of mid-link spectral inversion and conventional DCF-based transmission in a DWDM system at 40Gbit/s**  
Sander L. Jansen, Stefan J. Spalter, Giok Djan Khoe, Huug de W. Mark H. Sher, Dennis Zhou, and Simon Field

Proc. SPIE Int. Soc. Opt. Eng. **5625**, 287 (2005) PDF (86 kB)

- 77%** 15. ☐ **Recovery of the effect of the third-order dispersion and Raman self-frequency shift on polarization modes of optical pulse birefringent fibers using temporal and spectral optical phase conjugation**  
Weicheng Chen, Wencheng Xu, Jianing Xie, Hong Lu, and Hui Cao  
Proc. SPIE Int. Soc. Opt. Eng. **5625**, 1128 (2005) PDF (112 kB)
- 77%** 16. ☐ **Novel wavelength-routing all-fiber WDM network: implementation and optimization**  
Yong Chen, Genxiang Chen, Jihong Cao, Hui Zhang, and Shuisheng  
Proc. SPIE Int. Soc. Opt. Eng. **5626**, 1382 (2005) PDF (101 kB)
- 77%** 17. ☐ **Low-cost cooler-less signal sources for C-WDM applications**  
Junji Yoshida, Keishi Takaki, Ryosuke Yatsu, Naoki Tsukiji, and Akio Kasukawa  
Proc. SPIE Int. Soc. Opt. Eng. **5624**, 246 (2005) PDF (225 kB)
- 77%** 18. ☐ **Microwave photonic filters based on optimized superstructure fiber Bragg gratings**  
Jinsong Leng, Wei Zhang, and J.A.R. Williams  
Proc. SPIE Int. Soc. Opt. Eng. **5623**, 67 (2005) PDF (157 kB)
- 77%** 19. ☐ **Variable-width arrayed waveguide demultiplexer on X-cut lithium niobate**  
Anuj Bhatnagar, Jyothi Digge, and Mahesh P. Sinha  
Proc. SPIE Int. Soc. Opt. Eng. **5623**, 338 (2005) PDF (269 kB)
- 77%** 20. ☐ **Important advances in PMD tolerance quantification for next-generation lightwave systems**  
Henry H. Yaffe and Gregory Simer  
Proc. SPIE Int. Soc. Opt. Eng. **5596**, 217 (2004) PDF (425 kB)
- 77%** 21. ☐ **High-contrast planar photonic crystals**  
Reinhard Marz, Sven Burger, Alfred Forchel, Helmut Heidrich, Olaf Dirk Michaelis, Klaus Wandel, and Ralph Wehrspohn  
Proc. SPIE Int. Soc. Opt. Eng. **5597**, 68 (2004) PDF (5310 kB)
- 77%** 22. ☐ **New techniques for high-speed characterization in the telecommunication environment**  
Christophe Dorrer  
Proc. SPIE Int. Soc. Opt. Eng. **5595**, 260 (2004) PDF (429 kB)
- 77%** 23. ☐ **In-line DWDM wavelength switch using H-PDLC and side-coupled fibers**  
Claire Gu, Yuan Xu, J.J. Pan, Fengqing Zhou, and Henry He  
Proc. SPIE Int. Soc. Opt. Eng. **5560**, 173 (2004) PDF (385 kB)

- 77%** 24. ☐ **Controlling of monomer diffusion in an organic-inorganic photopolymer film for holographic memory**  
Eunkyoung Kim, Nam Kim, Chang-Won Shin, Jiyoung Park, and Geun Gil  
Proc. SPIE Int. Soc. Opt. Eng. **5560**, 124 (2004) PDF (341 kB)
- 77%** 25. ☐ **Full vector modal analysis of microstructured optical fiber propagation characteristics**  
Mourad Zghal, Faouzi Bahloul, Rihab Chatta, Rabah Attia, Domin Pagnoux, Philippe Roy, Gilles Melin, and Laurent Gasca  
Proc. SPIE Int. Soc. Opt. Eng. **5524**, 313 (2004) PDF (317 kB)

[ 1 | 2 | 3 | 4 | Next 25 ]



[home](#) | [proceedings](#) | [journals](#)

[Terms of Use](#) | [Privacy Policy](#) | [Contact](#)

© 1994 – 2005



The International Society  
for Optical Engineering


[SPIE DL home](#) | [Scitation home](#) | [Search SPIN](#) | [help](#) | [contact](#) | [si](#)
[SPIE Digital Library](#)
[Proceedings](#)
[Journals](#)

SPIE—The International  
Society for Optical Engineering

[My SPIE Subscription](#) | [My E-mail Alerts](#) | [My Arti](#)
[Home](#) » [Advanced Search](#) » Search Results

SEARCH DIGITAL LIBRARY

[\[Back to Search Query](#) | [Start New Search](#) | [Searching Hints\]](#)

[Advanced Search](#)

BROWSE PROCEEDINGS

☒ Proceedings

☒ By Year

☒ By Symposium

☒ By Volume No.

☒ By Volume Title

☒ By Technology

BROWSE JOURNALS

☒ Journals

☒ Optical Engineering

☒ J. Electronic Imaging

☒ J. Biomedical Optics

☒ J. Microlithography,  
Microfabrication,  
and Microsystems

GENERAL INFORMATION

☒ About the Digital  
Library

☒ Subscriptions &  
Pricing

☒ E-mail Alerts

☒ Terms of Use

☒ Companies &  
Institutions

☒ SPIEWeb

## Search Results

You were searching for : (dispersion AND optimized AND (fiber OR fibre))

You found 85 out of 190367 (85 returned)

Documents 26 - 50 listed on this page

Refine your query if desired:



Results Sorting Options



Options for selected Articles



Adding to MyArticles will open a second window (Scitation login required).

[\[ Related SPIE Products \]](#)
[\[ Previous 25](#) | [1](#) | [2](#) | [3](#) | [4](#) | [Next 25 \]](#)

77%

 26. ☐
**Statistics of gain fluctuations in a bidirectionally pumped Raman amplifier**

 Sheng Cui, Xiaoming Ma, and Jinsong Liu  
Opt. Eng. **43**, 2353 (2004) Full Text PDF (366 kB)

77%

 27. ☐
**Optical design of the PEPSI high-resolution spectrograph**

 Michael I. Andersen, Paolo Spano, Manfred Woche, Klaus G. Stra and Erik Beckert  
Proc. SPIE Int. Soc. Opt. Eng. **5492**, 381 (2004) PDF (464 kB)

77%

 28. ☐
**Modeling the impact of manufacturing imperfections on pl crystal device performance: design of perturbation-tolerant components**

 Maksim Skorobogatiy, Steven A. Jacobs, Steven G. Johnson, Mic Meunier, and Yoel Fink  
Proc. SPIE Int. Soc. Opt. Eng. **5450**, 161 (2004) PDF (918 kB)

77%

 29. ☐
**Analysis of reflectometric measurements of splices of telecommunication single-mode fibers with significantly different parameters**

 Marek Ratuszek  
Proc. SPIE Int. Soc. Opt. Eng. **5576**, 455 (2004) PDF (111 kB)



- 77%** 30. ☐ **Volume holographic grating-based continuously tunable optical filter**  
Frank Havermeyer, Wenhai Liu, Christophe Moser, Demetri Psaltis, Gregory J. Steckman  
Opt. Eng. **43**, 2017 (2004) Full Text PDF (230 kB)
- 77%** 31. ☐ **Demonstration of high-spectral-efficiency 40-Gb/s optical communications system using 4 bits per symbol coding**  
Pak S. Cho, Geof Harston, Chris J. Kerr, Art S. Greenblatt, Arkad Yaakov Achiam, Guy Levy-Yurista, Moti Margalit, Yoav Gross, and Khurgin  
Proc. SPIE Int. Soc. Opt. Eng. **5440**, 371 (2004) PDF (640 kB)
- 77%** 32. ☐ **Analysis of fiber optic sensing in the presence of polarization mode dispersion and polarization-dependent loss**  
Avishay Eyal, D. Kuperman, A. Zadok, and Moshe Tur  
Proc. SPIE Int. Soc. Opt. Eng. **5502**, 443 (2004) PDF (94 kB)
- 77%** 33. ☐ **Polymer-dispersed liquid crystal structure for variable optical attenuator application**  
H. Ramanitra, P. Chanclou, L. Dupont, and B. Vinouze  
Opt. Eng. **43**, 1445 (2004) Full Text PDF (201 kB)
- 77%** 34. ☐ **Performance evaluation of NRZ format in high-speed dispersion management transmission systems**  
Zhang Lu and Ming Yang  
Proc. SPIE Int. Soc. Opt. Eng. **5281**, 517 (2004) PDF (217 kB)
- 77%** 35. ☐ **Spectrum pruning of 42.7-Gb/s CS-RZ for spectrally efficient haul DWDM system**  
Xiaohong Ma, Yanhe Li, Xin Chen, Shidai Liu, Hanyi Zhang, and ...  
Proc. SPIE Int. Soc. Opt. Eng. **5281**, 512 (2004) PDF (139 kB)
- 77%** 36. ☐ **Optimization of temporal characteristics of supercontinuum generated in tapered air-clad fibers**  
Serguei M. Kobtsev and Serguei V. Smirnov  
Proc. SPIE Int. Soc. Opt. Eng. **5480**, 64 (2004) PDF (1042 kB)
- 77%** 37. ☐ **Pharmaceutical process applications of Raman spectroscopy**  
Stuart Farquharson, Alan Gift, and Wayne Smith  
Proc. SPIE Int. Soc. Opt. Eng. **5272**, 1 (2004) PDF (270 kB)
- 77%** 38. ☐ **Analysis of four-wave mixing in dispersion-managed transmission lines**  
Shiming Gao, Changxi Yang, Di Feng, and Guofan Jin  
Proc. SPIE Int. Soc. Opt. Eng. **5211**, 143 (2003) PDF (89 kB)
- 77%** 39. ☐ **Optimization of discrete Raman amplifiers for different kind of fibers**  
Juan D. Ania-Castanon and Sergei K. Turitsyn

Proc. SPIE Int. Soc. Opt. Eng. **5137**, 112 (2003) PDF (201 kB)

- 77%** 40. ☐ **Comparison of 10/40/160 Gb/s/ch-based DWDM transmission systems with equal system capacity and equal spectral efficiency**  
Anes Hodzic, Marcus Winter, Beate Konrad, Sebastian Randel, and Petermann  
Proc. SPIE Int. Soc. Opt. Eng. **5247**, 40 (2003) PDF (324 kB)
- 77%** 41. ☐ **High-capacity Raman-amplified long-haul transmission and impact of optical fiber properties**  
Lynn E. Nelson, Benyuan Zhu, Lufeng Leng, Jake Bromage, and Thiele  
Proc. SPIE Int. Soc. Opt. Eng. **5247**, 26 (2003) PDF (471 kB)
- 77%** 42. ☐ **Method for parameter optimization of optical fibers for dispersion compensators**  
Vladimir A. Burdin and Anton V. Bourdine  
Proc. SPIE Int. Soc. Opt. Eng. **5246**, 695 (2003) PDF (273 kB)
- 77%** 43. ☐ **Novel photonics polymer and its application in IT**  
Yasuhiro Koike  
Proc. SPIE Int. Soc. Opt. Eng. **5061**, 59 (2003) PDF (233 kB)
- 77%** 44. ☐ **Transendoscopic laser-based surgical procedure within body cavities**  
Alon Goren, Abraham Dayan, and Israel Gannot  
Proc. SPIE Int. Soc. Opt. Eng. **4957**, 34 (2003) PDF (261 kB)
- 77%** 45. ☐ **All-sky Doppler extrasolar planet surveys with a multi-object fixed-delay interferometer**  
Jian Ge, Suvrath Mahadevan, Julian C. van Eyken, Curtis DeWitt, Stuart Shacklan  
Proc. SPIE Int. Soc. Opt. Eng. **4835**, 180 (2002) PDF (1185 kB)
- 77%** 46. ☐ **Optimization of 40-Gb/s amplified dispersion-managed systems with various launch power and fiber length**  
Minhui Yan, Jianping Chen, and Gang-Ding Peng  
Proc. SPIE Int. Soc. Opt. Eng. **4906**, 407 (2002) PDF (130 kB)
- 77%** 47. ☐ **16-channel coarse wavelength division multiplexing transmission over 70 km of low-water-peak fiber with 40-Gb/s aggregate capacity**  
Don Kim, Andrew Coombe, Michael Kunigonis, Mark Lundergan, and Richard S. Vodhanel  
Proc. SPIE Int. Soc. Opt. Eng. **4908**, 39 (2002) PDF (105 kB)
- 77%** 48. ☐ **Fiber for advanced long-haul terrestrial networks**  
Gregory G. Luther, Manjusha Mehendale, June-Koo Rhee, Ioanni and Michael Vasilyev  
Proc. SPIE Int. Soc. Opt. Eng. **4872**, 81 (2002) PDF (104 kB)

**77%**

- 49.
- ☐
- Performance improvements in arrayed waveguide grating**

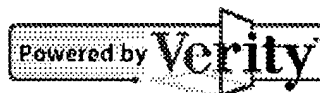
Melissa Dixon, Barthelemy Fondeur, Craig Liddle, John A. Marsh,  
Anca-Liliana Sala  
Proc. SPIE Int. Soc. Opt. Eng. **4640**, 79 (2002) PDF (477 kB)

**77%**

- 50.
- ☐
- Simple all-fiber-optic component for first-order polarizatio  
dispersion compensation**

Young Wuk Lee, Ho Jin Jeong, Jung Hyung Pyo, Byoung Yoon Kir  
Mo Yoon, Geun Young Kim, and Yong Gi Lee  
Opt. Eng. **41**, 1309 (2002) Full Text PDF (196 kB)

[ Previous 25 | 1 | 2 | 3 | 4 | Next 25 ]



[home](#) | [proceedings](#) | [journals](#)

[Terms of Use](#) | [Privacy Policy](#) | [Contact](#)

© 1994 – 2005



The International Society  
for Optical Engineering


[SPIE DL home](#) | [Scitation home](#) | [Search SPIN](#) | [help](#) | [contact](#) | [si](#)
[SPIE Digital Library](#)
[Proceedings](#)
[Journals](#)

SPIE—The International  
Society for Optical Engineering

[My SPIE Subscription](#) | [My E-mail Alerts](#) | [My Arti](#)
[Home](#) » [Advanced Search](#) » [Search Results](#)

SEARCH DIGITAL LIBRARY

[\[Back to Search Query\]](#) | [Start New Search](#) | [Searching Hints](#)

[Advanced Search](#)

BROWSE PROCEEDINGS

☒ [Proceedings](#)

- ☒ [By Year](#)
- ☒ [By Symposium](#)
- ☒ [By Volume No.](#)
- ☒ [By Volume Title](#)
- ☒ [By Technology](#)

BROWSE JOURNALS

☒ [Journals](#)

- ☒ [Optical Engineering](#)
- ☒ [J. Electronic Imaging](#)
- ☒ [J. Biomedical Optics](#)
- ☒ [J. Microlithography, Microfabrication, and Microsystems](#)

GENERAL INFORMATION

- ☒ [About the Digital Library](#)
- ☒ [Subscriptions & Pricing](#)
- ☒ [E-mail Alerts](#)
- ☒ [Terms of Use](#)
- ☒ [Companies & Institutions](#)
- ☒ [SPIEWeb](#)

## Search Results

You were searching for : (dispersion AND optimized AND (fiber OR fibre))

You found 85 out of 190367 (85 returned)

Documents 51 - 75 listed on this page

Refine your query if desired:

 in 

Results Sorting Options

Options for selected Articles

Adding to MyArticles will open a second window (Scitation login required).

[\[ Related SPIE Products \]](#)
[\[ Previous 25 | 1 | 2 | 3 | 4 | Next 25 \]](#)

- |     |                              |  |
|-----|------------------------------|--|
| 77% | 51. <input type="checkbox"/> | <b>Design of a broadband optical waveguide for WDM system propagation solution by the finite element method</b><br>Aditya Goel<br>Proc. SPIE Int. Soc. Opt. Eng. <b>4638</b> , 85 (2002) PDF (378 kB)  |
| 77% | 52. <input type="checkbox"/> | <b>Optimizing the performance of erbium-doped fiber amplifi</b><br>Anubhuti Shrivastava<br>Proc. SPIE Int. Soc. Opt. Eng. <b>4750</b> , 327 (2002) PDF (278 kB)  |
| 77% | 53. <input type="checkbox"/> | <b>Optimized dispersion maps for suppression of cross-phase modulation in WDM systems</b><br>Cornelius Fuerst, Joerg-Peter Elbers, and Christoph Glingener<br>Proc. SPIE Int. Soc. Opt. Eng. <b>4584</b> , 133 (2001) PDF (355 kB)                               |
| 77% | 54. <input type="checkbox"/> | <b>Mode-locking operation of Nd:LuYLF</b><br>Edison Puig Maldonado, Eduardo Acedo Barbosa, Niklaus Ursus V Lilia Coronato Courrol, Izilda Marcia Ranieri, Spero Penha Moratc Nilson Dias Vieira, Jr.<br>Opt. Eng. <b>40</b> , 1573 (2001) Full Text PDF (259 kB) |
| 77% | 55. <input type="checkbox"/> | <b>Optical fibers for ultralarge capacity DWDM transmission</b><br>Masayuki Nishimura  |

Proc. SPIE Int. Soc. Opt. Eng. **4532**, 386 (2001) PDF (204 kB)

- 77%** 56. ☐ **Thermo-optical effects and fiber optic sensing device base polymer dispersed liquid crystals**  
Luigi Sirlito, Giancarlo C. Righini, Leonardo Ciaccheri, Mahmoud and Francesco F. Simoni  
Proc. SPIE Int. Soc. Opt. Eng. **4277**, 403 (2001) PDF (611 kB)
- 77%** 57. ☐ **Reduction of colorants in nylon flock dyeing effluent**  
Qinguo Fan, Sunil Hoskote, and Yuejun Hou  
Proc. SPIE Int. Soc. Opt. Eng. **4193**, 309 (2001) PDF (200 kB)
- 77%** 58. ☐ **Low-resolution spectrograph for LAMOST**  
Yongtian Zhu and Wenli Xu  
Proc. SPIE Int. Soc. Opt. Eng. **4008**, 141 (2000) PDF (374 kB)
- 77%** 59. ☐ **Design of wideband dispersion compensating optical fiber based on higher-order LP<sub>11</sub> mode**  
Aditya Goel and J. L. Rana  
Proc. SPIE Int. Soc. Opt. Eng. **4078**, 232 (2000) PDF (282 kB)
- 77%** 60. ☐ **Analytical and numerical resonator analysis of spectral be combining of Yb fiber lasers**  
Erik J. Bochove and Craig A. Denman  
Proc. SPIE Int. Soc. Opt. Eng. **3930**, 222 (2000) PDF (396 kB)
- 77%** 61. ☐ **High-power compact ultrafast fiber lasers**  
Martin E. Fermann, Michelle L. Stock, Almantas Galvanauskas, al J. Harter  
Proc. SPIE Int. Soc. Opt. Eng. **3942**, 194 (2000) PDF (1249 kB)
- 77%** 62. ☐ **Dependence of Jones matrix elements of fiber on polariza mode coupling due to torsion**  
Cestmir Vlcek, Jan Maschke, Ladislav Sevcik, and Zdenek Zaoral  
Proc. SPIE Int. Soc. Opt. Eng. **4016**, 143 (1999) PDF (218 kB)
- 77%** 63. ☐ **High-efficiency silicon optoelectronic modulator based on mirror and integrated in a low-loss silicon-on-insulator wa**  
Andrea Irace, Giuseppe Coppola, Mario Iodice, and Antonello Cut  
Proc. SPIE Int. Soc. Opt. Eng. **3847**, 94 (1999) PDF (263 kB)
- 77%** 64. ☐ **Picosecond pulse generation at two wavelengths by simul active mode locking in an Er-doped fiber laser with wide-bandwidth ([greater-than] 1 nm) nonchirped fiber Bragg**  
Olivier Deparis, Roman V. Kiyan, Ertan Salik, Dmitry S. Starodut  
Feinberg, Olivier Pottiez, Patrice Megret, and Michel Blondel  
Proc. SPIE Int. Soc. Opt. Eng. **3847**, 16 (1999) PDF (273 kB)

- 77%** 65. ☐ **Remote upconversion in microwave fiber optic links employing unbalanced Mach-Zehnder Interferometer**  
Ghislaine Maury, A. Hilt, Beatrice Cabon, V. Girod, and L. Degout  
Proc. SPIE Int. Soc. Opt. Eng. **3795**, 468 (1999) PDF (448 kB)
- 77%** 66. ☐ **Optimization of dispersion-shifted fiber phase conjugator zero dispersion wavelength variation**  
Ioannis Zacharopoulos, Ioannis Tomkos, and Dimitrios Syvridis  
Proc. SPIE Int. Soc. Opt. Eng. **3625**, 145 (1999) PDF (345 kB)
- 77%** 67. ☐ **Connections of NZDF spliced fibers of TrueWave type**  
Marek Ratuszek, Jacek Majewski, Zbigniew Zakrzewski, Jozef Za and Zdzislaw Drzycimski  
Proc. SPIE Int. Soc. Opt. Eng. **3731**, 138 (1999) PDF (748 kB)
- 77%** 68. ☐ **Influence of weather conditions on splicing process and parameters of splicing single-mode telecommunication fiber different types**  
Marek Ratuszek, Zbigniew Zakrzewski, Jacek Majewski, Stefan S Jozef Zalewski, Tadeusz Konefal, and Witold Kula  
Proc. SPIE Int. Soc. Opt. Eng. **3731**, 128 (1999) PDF (631 kB)
- 77%** 69. ☐ **Large effective-area fibers**  
Ahmad Safaai-Jazi, H. T. Hattori, and J. A. Baghdadi  
Proc. SPIE Int. Soc. Opt. Eng. **3666**, 30 (1999) PDF (566 kB)
- 77%** 70. ☐ **Multimicron dimension optical p-i-n modulators in silicon-insulator**  
Peter D. Hewitt and Graham T. Reed  
Proc. SPIE Int. Soc. Opt. Eng. **3630**, 237 (1999) PDF (215 kB)
- 77%** 71. ☐ **Performance of 10-Gb/s transmission systems using MQW Zehnder modulators and electroabsorption modulators**  
John C. Cartledge  
Proc. SPIE Int. Soc. Opt. Eng. **3491**, 108 (1998) PDF (199 kB)
- 77%** 72. ☐ **Optimized dispersion compensation scheme for long-distance transmission in nonlinear fibers**  
Bernard Schmauss, Dieter Werner, and Michael Picker  
Proc. SPIE Int. Soc. Opt. Eng. **3408**, 162 (1998) PDF (734 kB)
- 77%** 73. ☐ **Targeting and sequencing algorithms for the Hectospec's fiber robotic positioner**  
John B. Roll, Jr., Daniel G. Fabricant, and Brian A. McLeod  
Proc. SPIE Int. Soc. Opt. Eng. **3355**, 324 (1998) PDF (400 kB)
- 77%** 74. ☐ **Optical spectroscopy with a near-single-mode fiber-feed and adaptive optics**  
Jian Ge, James Roger P. Angel, and J. C. Shelton  
Proc. SPIE Int. Soc. Opt. Eng. **3355**, 253 (1998) PDF (2854 kB)

77%

75. ☐ **Genetic algorithm for the inverse problem in synthesis of gratings**

Johannes Skaar and Knut M. Risvik

Proc. SPIE Int. Soc. Opt. Eng. **3483**, 273 (1998) PDF (121 kB)

[ Previous 25 | 1 | 2 | 3 | 4 | Next 25 ]



[home](#) | [proceedings](#) | [journals](#)

[Terms of Use](#) | [Privacy Policy](#) | [Contact](#)

© 1994 – 2005



The International Society  
for Optical Engineering


[SPIE DL home](#) | [Scitation home](#) | [Search SPIN](#) | [help](#) | [contact](#) | [si](#)

SPIE Digital Library

Proceedings

Journals

 SPIE—The International  
Society for Optical Engineering

[My SPIE Subscription](#) | [My E-mail Alerts](#) | [My Arti](#)
[Home](#) » [Advanced Search](#) » Search Results

SEARCH DIGITAL LIBRARY

[\[Back to Search Query\]](#) | [Start New Search](#) | [Searching Hints](#)

Search

Advanced Search

BROWSE PROCEEDINGS

☒ Proceedings

- ☒ By Year
- ☒ By Symposium
- ☒ By Volume No.
- ☒ By Volume Title
- ☒ By Technology

BROWSE JOURNALS

☒ Journals

- ☒ Optical Engineering
- ☒ J. Electronic Imaging
- ☒ J. Biomedical Optics
- ☒ J. Microlithography, Microfabrication, and Microsystems

GENERAL INFORMATION

- ☒ About the Digital Library
- ☒ Subscriptions & Pricing
- ☒ E-mail Alerts
- ☒ Terms of Use
- ☒ Companies & Institutions
- ☒ SPIEWeb

## Search Results

**You were searching for : (dispersion AND optimized AND (fiber OR fibre))**

You found 85 out of 190367 (85 returned)

Documents 76 - 85 listed on this page

Refine your query if desired:

 in 

Results Sorting Options

Options for selected Articles

Adding to MyArticles will open a second window (Scitation login required).

[ Related SPIE Products ]

[ Previous 25 | 1 | 2 | 3 | 4 ]

- |     |                              |  |
|-----|------------------------------|--|
| 77% | 76. <input type="checkbox"/> | <b>Optimizing operation of phase compensation using semico optical amplifiers</b><br>Tao Jin and Dexiu Huang<br>Proc. SPIE Int. Soc. Opt. Eng. <b>2886</b> , 287 (1996) PDF (117 kB)   |
| 77% | 77. <input type="checkbox"/> | <b>Ultrahigh-repetition frequency pulse generation in DFB laser light injection for long-haul OTDM fiber transmission</b><br>Herbert Burkhard and H. Schoell<br>Proc. SPIE Int. Soc. Opt. Eng. <b>2693</b> , 555 (1996) PDF (854 kB)                 |
| 77% | 78. <input type="checkbox"/> | <b>New bonding technique for III-V thin film and macroscopic Si or CuW</b><br>G. Rainer Dohle, John J. Callahan, Timothy J. Drabik, and Kevin<br>Proc. SPIE Int. Soc. Opt. Eng. <b>2695</b> , 362 (1996) PDF (933 kB)                                |
| 77% | 79. <input type="checkbox"/> | <b>Optimization of dispersion-compensating axial index profile compressing ultrashort optical pulses in optical fibers</b><br>Natalia M. Litchinitser and David B. Patterson<br>Proc. SPIE Int. Soc. Opt. Eng. <b>2622</b> , 351 (1995) PDF (267 kB) |
| 77% | 80. <input type="checkbox"/> | <b>Minimizing fiber dispersion effects in double Fourier stellar interferometers</b>   |



Vincent Coude du Foresto, Guy S. Perrin, and Maxime Boccas  
Proc. SPIE Int. Soc. Opt. Eng. **2476**, 86 (1995) PDF (281 kB)

**77%**

81. ☐ **Concepts for optical waveguide switches in silicon**  
Uwe Fischer, Thomas Zinke, Berndt Schueppert, and Klaus Peter  
Proc. SPIE Int. Soc. Opt. Eng. **2449**, 332 (1995) PDF (218 kB)

**77%**

82. ☐ **Characterization of low-loss polymer modulators fabricated by laser ablation**  
Joseph C. Chon, John I. Thackara, Paul B. Comita, Mark C. Jurich  
Jerome D. Swalen  
Proc. SPIE Int. Soc. Opt. Eng. **2285**, 340 (1994) PDF (478 kB)

**77%**

83. ☐ **Noncrosslinked organosilicon matrix for luminescence-quenched fiber optic oxygen sensors**  
Ganapati R. Mauze and Robert R. Holloway  
Proc. SPIE Int. Soc. Opt. Eng. **1886**, 78 (1993) PDF (502 kB)

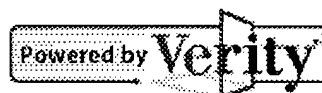
**77%**

84. ☐ **Precise compensation of fiber group delay in coherent optical communications**  
Junichi Nakagawa and Takanori Okoshi  
Proc. SPIE Int. Soc. Opt. Eng. **1787**, 336 (1992) PDF (322 kB)

**77%**

85. ☐ **Optical fiber n-ary PPM: the question of slot synchronization**  
Jaafar M. H. Elmirghani, Robert A. Cryan, and F. M. Clayton  
Proc. SPIE Int. Soc. Opt. Eng. **1787**, 311 (1992) PDF (295 kB)

[ Previous 25 | 1 | 2 | 3 | 4 ]



[home](#) | [proceedings](#) | [journals](#)

[Terms of Use](#) | [Privacy Policy](#) | [Contact](#)

© 1994 - 2005



The International Society  
for Optical Engineering